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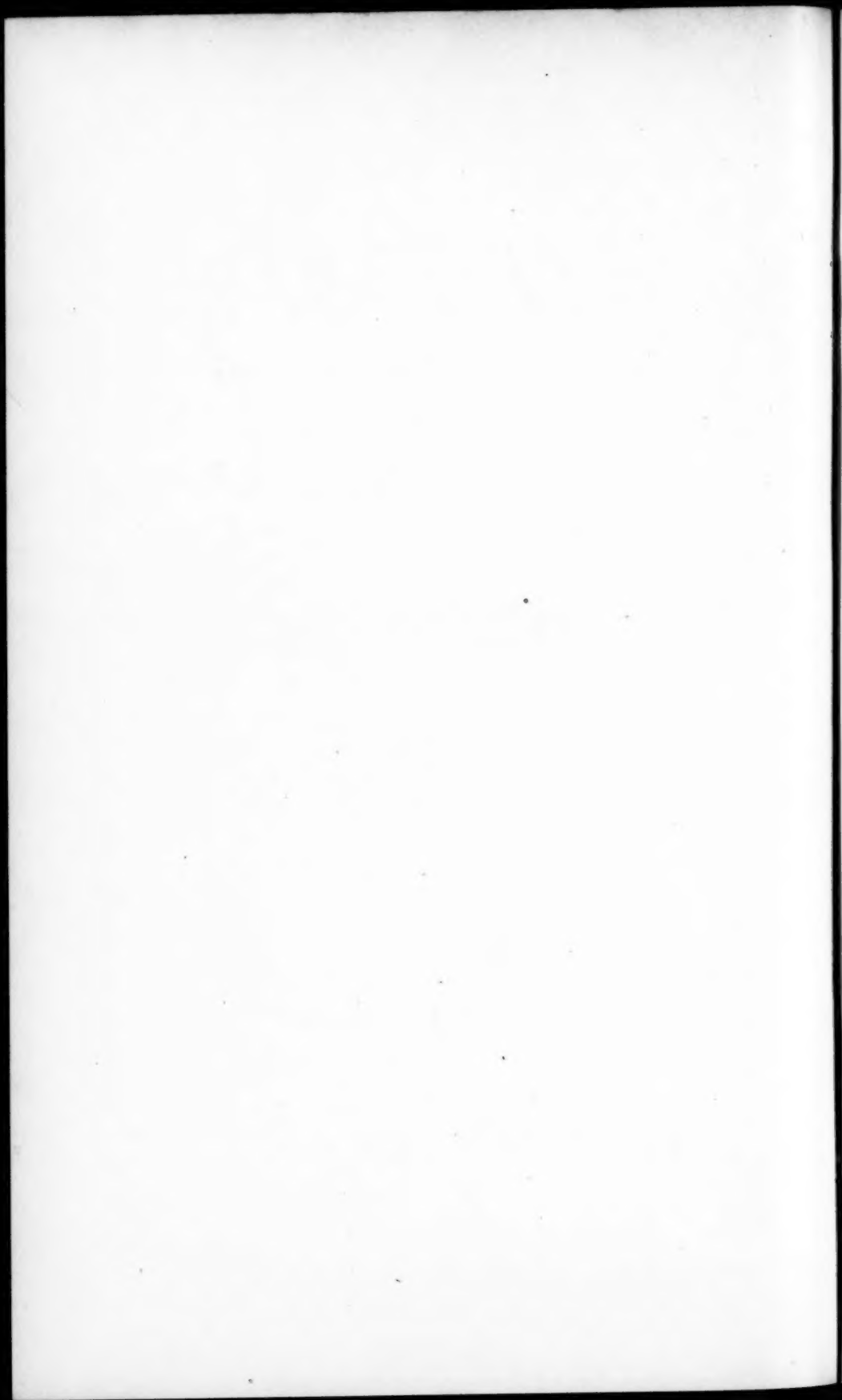
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PUBLIC HEALTH REPORTS.

UNITED STATES.

[Reports to the Surgeon-General, Public Health and Marine-Hospital Service.]

Reports from San Francisco, Cal. — Plague-prevention work at San Francisco, Oakland, and Point Richmond, and in Alameda and Contra Costa counties, Cal.

Passed Assistant Surgeon Blue reports:

SAN FRANCISCO, CAL.

Date of last case of human plague: Sickened, January 30, 1908.

Date of last case of rodent plague: October 23, 1908.

Week ended March 6, 1909.

Sick inspected.....	2
Plague.....	0
Dead inspected.....	102
Plague.....	0
Premises inspected.....	2,371
Houses disinfected.....	15
Nuisances abated.....	261
 Rats found dead.....	 37
Rats trapped.....	2,190
Total rats taken.....	2,227
 Rats identified:	
Mus norvegicus.....	1,451
Mus rattus.....	41
Mus musculus.....	732
Total.....	2,224
 Rats identified as to sex.....	1,458
Male.....	675
Female.....	783
Rats examined bacteriologically.....	1,258
Plague rats.....	0
Ground squirrels caught.....	7
Squirrels examined bacteriologically.....	7
Plague squirrels.....	0
Buildings condemned.....	10
Poisons placed.....	22,093

OAKLAND, CAL.

Date of last case of human plague: Sickened, July 17, 1908.

Date of last case of rodent plague: Trapped, December 1, 1908.

Week ended February 27, 1909.

Dead inspected.....	35
Plague.....	0
Premises inspected.....	719
Necropsy held.....	1
Premises cleaned.....	153
Place made rat proof.....	1
Garbage cans installed.....	160
Nuisances abated.....	139
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Rats found dead.....	83
Rats trapped.....	545
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Total rats taken.....	628
<hr/>	
Mice trapped.....	90
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Rats identified:	
Mus norvegicus.....	621
Mus rattus.....	5
Mus musculus.....	90
Mus alexandrinus.....	2
<hr/>	
Total.....	718
<hr/>	
Rats examined bacteriologically.....	611
Plague rats.....	0
Mice examined bacteriologically.....	90
Plague mice.....	0
Poisons placed.....	29,435

POINT RICHMOND, CAL.

Week ended February 27.

Sick inspected.....	3
Plague.....	0
Dead inspected.....	2
Plague.....	0
Premises inspected.....	490
Nuisances abated.....	21
Rats found dead.....	14
Rats trapped.....	15
Rats examined bacteriologically.....	15
Plague rats.....	0
Poisons placed.....	14,000

ALAMEDA COUNTY, CAL.

Week ended February 27.

Sick inspected.....	2
Plague.....	0
Dead inspected.....	58
Plague.....	0
Necropsy held.....	1

CONTRA COSTA COUNTY, CAL.

Week ended February 27.

Dead inspected.....	2
Plague.....	0
Ground squirrels shot.....	32

Squirrels examined bacteriologically.....	32
Plague squirrels.....	0
Ranches inspected.....	57
Ranches found free of squirrels.....	9
Ranches poisoning squirrels.....	33

Report from Seattle, Wash.—Plague-prevention work.

Passed Assistant Surgeon Glover reports, March 1:

SEATTLE, WASH.

Date of finding of last plague rat, September 26, 1908.

Week ended February 27, 1909.

Plague-infected rats to date.....	21
Rats received.....	433
Rats necropsied.....	364
Plague rats.....	0
Vessels inspected.....	18
Vessels fumigated.....	1

STATISTICAL REPORTS OF MORBIDITY AND MORTALITY, STATES AND CITIES
OF THE UNITED STATES—UNTABULATED.

FLORIDA—*Pensacola*.—Month of February, 1909. Estimated population, 30,000. Total number of deaths, 44, including enteric fever 4, and 3 from tuberculosis.

ILLINOIS—*Alton*.—Month of February, 1909. Estimated population, 22,000. Total number of deaths, 23, including 2 from tuberculosis. Cases: Diphtheria, 1.

Quincy.—Month of February, 1909. Estimated population, 43,000. Total number of deaths, 42, including diphtheria 1, and 4 from tuberculosis. Cases: Diphtheria 22, enteric fever 2, scarlet fever 2, and measles 1.

INDIANA—*Jeffersonville*.—Month of February, 1909. Estimated population, 12,000. Total number of deaths 10, including 1 from tuberculosis. Cases: Tuberculosis 1.

IOWA—*Cedar Rapids*.—Month of February, 1909. Estimated population, 35,000. Total number of deaths 43, including enteric fever 2, and 3 from tuberculosis. Cases: Scarlet fever 10, and diphtheria 1.

KANSAS.—Month of January, 1909. Estimated population, 1,470,495. Total number of deaths from contagious and infectious diseases, 82. Causes of death: Tuberculosis 43, enteric fever 15, diphtheria 18, scarlet fever 4, smallpox 1, and 1 from measles. Cases: Tuberculosis 63, enteric fever 36, diphtheria 127, scarlet fever 132, smallpox 198, and measles 111.

KENTUCKY—*Louisville*.—Report for the fiscal year ending August 31, 1908. Estimated population, 206,416. Total number of deaths 3,997, including enteric fever 109, measles 2, scarlet fever 6, whooping cough 20, diphtheria 21, and 494 from tuberculosis. Cases: Scarlet

fever 220, diphtheria 269, whooping cough 31, enteric fever 223, tuberculosis 328, and smallpox 38. The total number of deaths correspond to an annual death rate of 15.34 per 1,000 of population.

MARYLAND—*Hagerstown*.—Month of February, 1909. Estimated population, 30,000. Total number of deaths 109, including enteric fever 1, measles 1, and 7 from tuberculosis. Cases: Enteric fever 2, scarlet fever 3, diphtheria 1, and measles 56.

MASSACHUSETTS.—Reports from the state board of health for the month of January, 1909. Fifty-three cities and towns reporting, having an aggregate estimated population of 2,369,328, report 3,772 deaths, including diphtheria 78, enteric fever 22, measles 16, and 422 from phthisis pulmonalis. Cases: Diphtheria 1,055, enteric fever 184, measles 1,213, scarlet fever 1,074, whooping cough 494, and phthisis pulmonalis 653.

Newton.—Month of February, 1909. Estimated population, 38,919. Total number of deaths, 37, including enteric fever 1, and 4 from tuberculosis. Cases of contagious diseases reported: Diphtheria 7, enteric fever 3, scarlet fever 13, tuberculosis 2, and measles 10.

NEW HAMPSHIRE—*Concord*.—Months of January and February, 1909. Estimated population, 20,000. Total number of deaths, 78, including 7 from tuberculosis. Cases: Enteric fever 2, scarlet fever 1, diphtheria 6, and measles 4.

NEW JERSEY—*Elizabeth*.—Months of January and February, 1909. Estimated population, 60,509. Total number of deaths, 198, including enteric fever 2, diphtheria 2, measles 2, and 23 from tuberculosis. Cases: Enteric fever 10, scarlet fever 12, diphtheria 42, measles 20, and whooping cough 1.

NEW YORK—*Buffalo*.—Month of February, 1909. Estimated population, 410,000. Total number of deaths, 475, including diphtheria 14, scarlet fever 14, enteric fever 9, measles 2, whooping cough 1, and 39 from tuberculosis. Cases: Tuberculosis 79, enteric fever 23, diphtheria 112, scarlet fever 450, measles 31, whooping cough 27, and smallpox 2.

Rochester.—Seven months ended January 31, 1909. Estimated population, 200,000. Total number of deaths, 1,605, including measles 8, enteric fever 18, whooping cough 3, diphtheria 16, scarlet fever 5, and 155 from tuberculosis. Cases: Scarlet fever 116, diphtheria 138, enteric fever 102, and measles 1,111.

Rome.—Month of February, 1909. Estimated population, 18,500. Total number of deaths, 42; cause of deaths not reported. Cases: Scarlet fever 3, diphtheria 1, and measles 2.

NORTH CAROLINA.—Month of January, 1909. Estimated population, 1,893,810. Reports of state board of health from 85 counties show as follows: Measles in 21 counties, whooping cough in 26 counties, scarlet fever in 29 counties, diphtheria in 30 counties, enteric fever in 29

counties, malarial fever in 6 counties, pernicious malarial fever in 2 counties, hemorrhagic malarial fever in 2 counties, and smallpox in 14 counties, viz: Ashe, 7; Camden, 30; Currituck, 31; Duplin, 50; Johnston, 12; Jones, 3; Madison, 2; Nash, 1; New Hanover, 2; Pasquotank, 50 or more; Pitt, 2; Sampson, 22; Scotland, 6; Wayne, 20.

OHIO—*Toledo*.—Month of January, 1909. Estimated population, 195,888. Total number of deaths, 178, including diphtheria 2, enteric fever 12, scarlet fever 2, and 20 from tuberculosis. Cases of contagious diseases reported: Diphtheria 35, measles 3, scarlet fever 15, enteric fever 57, tuberculosis 1.

OREGON—*Portland*.—Month of January, 1909. Estimated population, 175,000. Total number of deaths, 140, including enteric fever 1, diphtheria 2, and 13 from tuberculosis. Cases: Diphtheria 34, enteric fever 15, measles 27, smallpox 26, whooping cough 2, and scarlet fever 21.

PENNSYLVANIA—*Dunmore*.—Month of February, 1909. Estimated population, 17,500. Total number of deaths, 32, including scarlet fever 1, measles 1, and 1 from tuberculosis. Cases: Scarlet fever 2, measles 27, diphtheria 1, and tuberculosis 1.

Pittsburg.—Month of October, 1908. Estimated population, 462,801. Total number of deaths, 670, including diphtheria 10, scarlet fever 9, measles 2, whooping cough 3, enteric fever 8, and 41 from pulmonary tuberculosis. Cases: Diphtheria 104, scarlet fever 183, enteric fever 96, whooping cough 11, tuberculosis 142, and measles 50.

South Bethlehem.—Month of February, 1909. Estimated population, 15,000. Total number of deaths, 31, including 1 from tuberculosis. Cases: Enteric fever 2, scarlet fever 1, whooping cough 4, and tuberculosis 9.

UTAH.—Month of January, 1909. Reports to the state board of health from 27 counties, having an estimated population of 346,873, show as follows: Total number of deaths, 306, including diphtheria 12, enteric fever 4, whooping cough 3, scarlet fever 8, smallpox 1, and 9 from tuberculosis. Cases: Diphtheria 96, enteric fever 24, measles 188, scarlet fever 179, smallpox 237, whooping cough 107, and tuberculosis 16 (incomplete).

VIRGINIA—*Richmond*.—Month of February, 1909. Estimated population, 115,701—white, 73,204; colored, 42,497. Total number of deaths, 176—white, 87; colored, 89—including enteric fever 1, and 23 from tuberculosis. Cases: Diphtheria 7, enteric fever 25, measles 3, scarlet fever 5, and whooping cough 9.

WISCONSIN—*Milwaukee*.—Month of January, 1909. Estimated population, 370,000. Total number of deaths 387, including enteric fever 8, measles 1, scarlet fever 9, diphtheria 14, whooping cough 1, and 34 from tuberculosis. Cases: Smallpox 65, tuberculosis 50, diphtheria 110, scarlet fever 123, enteric fever 47, and measles 146.

Smallpox in the United States as reported to the Surgeon-General, Public Health and Marine-Hospital Service, December 26, 1908, to March 19, 1909.

For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

Place.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Mobile	Jan. 12-Feb. 6	7		Year 1908.
Montgomery	Mar. 13		1	
Tuscaloosa County	Feb. 6-Dec. 31	86		
Total for State		93	1	
Arkansas:				
Bethel	Jan. 25	3		
Jonesboro	Jan. 20-Mar. 1	20		
Little Rock	Dec. 15-Jan. 2	23		
Magnolia	Jan. 5-13	25		
Paragould	Feb. 1-Mar. 9	27		
Texarkana	Nov. 26-Jan. 11	10		
Total for State		108		
California, general	Nov. 1-Dec. 31		3	
Los Angeles	Dec. 6-Feb. 20	16		
Oakland	Nov. 1-Jan. 31	10		
Sacramento	Nov. 1-Dec. 31	24		
San Francisco	Dec. 13-Mar. 6	28		
Stockton	Nov. 1-30	12		
Total for State		90	3	
Colorado, general	July 1-Feb. 28	109		
District of Columbia:				
Washington	Dec. 28-Feb. 27	7		
Total for District		7		
Georgia:				
Cobb County	Jan. 16-Feb. 7	8		
Paulding County	Jan. 16-Feb. 7	15		
Total for State		23		
Illinois:				
Alexander County—				
Cairo	Jan. 7-Feb. 27	211		
Thebes	Jan. 1-31	2		
Bureau County—				
Ladd	Nov. 1-30	4		
Christian County—				
Taylorville	Aug. 1-Jan. 20	40		
Clinton County—				
Carlyle	Jan. 1-31	1		
Coles County—				
Charleston	Jan. 1-30	1		
Cook County—				
Chicago	Jan. 8-Mar. 6	7		
Franklin County—				
West Frankfort	Dec. 12-Feb. 13	15		
Fulton County—				
Canton	Jan. 1-31	38		
Cuba	Jan. 1-31	1		
Lewiston	Jan. 1-31	6		
Jackson County—				
Murphysboro	Jan. 1-31	45	1	Present in Smallwood and South Muddy townships.
Jasper County	Jan. 1-31			
Newton	Jan. 1-31	1		
Jo Daviess County—				
Galena	Jan. 1-31	3		
Kane County—				
St. Charles	Jan. 1-31	1		
Kankakee County—				
Grant Park	Jan. 1-31	1		
Knox County—				
Galesburg	Feb. 14-Mar. 6	3		
Lake County—				
Waukegan	Feb. 2-26	3		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Illinois—Continued.				
McLean County—				
Bloomington	Jan. 1-31	5		
Macon County—				
Decatur	Jan. 1-31	8		
Macoupin County—				
Benld	Feb. 15-18	2		
Palmyra	Dec. 25-Jan. 20	4		
Scottsville	Dec. 25-Jan. 20	12		
Marion County—				
Centralia	July 1-Jan. 20	53		
Odin	Jan. 1-31	1		
Sandoval	Jan. 1-31	1		
Mason County	Jan. 1-31			Present in Havana and Quiver townships.
Massac County—				
Metropolis	Jan. 1-31	1		
Mercer County	Jan. 1-31	1		In North Henderson town-ship.
Montgomery County	Jan. 1-31	8		Present in Farmersville and in Bois d'Arc and Pitman town-ships.
Morgan County—				
Jacksonville	Feb. 5-11	1		
Peoria County—				
Peoria	Dec. 20-Feb. 3	7		Present in Glasford and in Timber and Trivoli townships.
Pulaski County	Jan. 1-31			Present in Pulaski.
Mounds	Jan. 1-31	3		
Mound City	Jan. 1-31	7		
Randolph County—				
Percy	Jan. 1-31	1		
St. Clair County—				
Belleville	Dec. 4-20	3		Present in January.
Mascoutah	Jan. 1-31	1		
Millstadt	Jan. 1-31	1		
Saline County—				
Eldorado	Jan. 1-31	1		
Sangamon County—				
Pawnee	Jan. 1-31	2		
Schuyler County—				
Browning	Oct. 12-Jan. 20	75		Present in Elm Grove township.
Tazewell County	Jan. 1-31			
Pekin	Jan. 1-31	28		
Vermilion County—				
Danville	Jan. 11-Mar. 7	11		
Williamson County—				
Cartersville	Jan. 1-31	2		
Johnston City	Jan. 1-31	1		
Marion	Jan. 1-31	6		
Total for State		629	1	
Indiana:				
Allen County	Dec. 1-31	1		
Fort Wayne	Jan. 10-Feb. 6	4		
Bartholomew County	Dec. 1-31	1		
Benton County	Nov. 1-Dec. 31	4		
Boone County	Nov. 1-Dec. 31	2		
Carroll County	Oct. 1-31	26		
Clay County	Oct. 1-31	8		
Dearborn County	Oct. 1-31	1		
Delaware County	Dec. 1-31	52		
Elkhart County	Oct. 1-Nov. 30	7		
Elkhart	Jan. 17-Mar. 6	8		
Franklin County	Dec. 1-31	1		
Gibson County	Dec. 1-31	1		
Grant County	Dec. 1-31	2		
Union	Feb. 6	5		
Hamilton County	Dec. 1-31	1		
Harrison County	Dec. 1-31	1		
Hendricks County	Nov. 1-Dec. 31	5		
Madison County	Oct. 1-31	1		
Anderson	Dec. 1-31	1		
Marion County	Dec. 1-31	1		
Indianapolis	Jan. 18-Feb. 28	5		
Miami County	Dec. 1-31	1		
Rush County	Dec. 1-31	24		
Shelby County	Dec. 1-31	1		
Spencer County	Dec. 1-31	1		
St. Joseph County	Dec. 1-31	12		
Sullivan County	Oct. 1-31	2		
Tippecanoe County	Oct. 1-Dec. 31	77		
Lafayette	Dec. 15-Mar. 8	54	1	
Tipton County	Nov. 1-Dec. 31	2		

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
Vanderburg County—				
Evansville.....	Jan. 10-Feb. 20.....	10	
Vigo County.....	Oct. 1-Dec. 31.....	7	
Wabash County.....	Nov. 1-Dec. 31.....	4	
Warren County.....	Dec. 1-31.....	7	
Wayne County.....	Nov. 1-30.....	8	
Total for State.....		348	1	
Iowa, general				
Burlington.....	July 1-Sept. 30.....	2	
Council Bluffs.....	Jan. 1-31.....	1	
Dubuque.....	July 1-Feb. 28.....	32	2	
.....	Oct. 1-Jan. 31.....	87	1	
Total for State.....		120	5	
Kansas:				
Atchison County—				
Atchison.....	Dec. 20-Jan. 16.....	2	
Barton County.....	Nov. 1-30.....	7	
Bourbon County.....	Nov. 1-30.....	1	
Brown County.....	Nov. 1-Dec. 31.....	45	
Crawford County—				
Pittsburg.....	Nov. 1-Dec. 31.....	107	
Franklin County.....	Dec. 1-31.....	1	
Harvey County.....	Nov. 1-Dec. 31.....	4	
Jackson County.....	Nov. 1-Dec. 31.....	95	
Jefferson County.....	Dec. 1-31.....	2	
Jewell County.....	Dec. 1-31.....	2	
Montgomery County.....	Nov. 1-Dec. 31.....	18	
Nemaha County.....	Dec. 1-31.....	2	
Phillips County.....	Dec. 1-31.....	2	
Pottawatomie County.....	Nov. 1-Dec. 31.....	36	
Pratt County.....	Dec. 1-31.....	20	
Reno County.....	Nov. 1-Dec. 31.....	3	1	
Riley County.....	Nov. 1-30.....	2	
Saline County.....	Nov. 1-Dec. 31.....	31	
Shawnee County.....	Nov. 1-Dec. 31.....	6	
Topeka.....	June 7-Mar. 6.....	88	
Sheridan County.....	Dec. 1-31.....	9	
Stafford County.....	Dec. 1-31.....	1	
Sumner County.....	Nov. 1-Dec. 31.....	7	
Wilson County.....	Nov. 1-30.....	5	
Wyandotte County—				
Kansas City.....	Jan. 3-Mar. 6.....	18	
Total for State.....		514	1	
Kentucky:				
Anderson County.....	Oct. 1-Jan. 20.....	200	1	Including Lawrenceburg.
Covington.....	Dec. 29-Mar. 13.....	17	
Georgetown.....	Dec. 2-Mar. 4.....	31	
Henderson.....	7	Jan. 1-June 30, 1908.
Lexington.....	Dec. 28-Feb. 27.....	37	
Newport.....	July 1-Jan. 31.....	20	1	Jan. 1-June 30, 1908, 16 cases, 1 death.
Paducah.....	Jan. 24-Mar. 7.....	40	
Total for State.....		352	2	
Louisiana:				
Alexandria.....	Feb. 1-23.....	9	
Arcadia Parish.....	Dec. 20-Jan. 11.....	30	
New Orleans.....	Dec. 20-Mar. 6.....	23	
Shreveport.....	Jan. 1-20.....	32	1	
Total for State.....		94	1	
Maine:				
Cyr plantation.....	Oct. 16-24.....	11	
Frenchville.....	Nov. 11-Dec. 5.....	2	
Grand Isle (Grant Isle).....	Oct. 16-Dec. 12.....	26	
St. Agatha.....	Oct. 24-Dec. 26.....	9	
St. David.....	Dec. 13-19.....	1	
Upper Frenchville.....	Oct. 25-Nov. 11.....	2	
Van Buren.....	Oct. 18-Feb. 6.....	94	
Total for State.....		145	

Including Bienville, Liberty Hill, and Mount Lebanon.

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Maryland:				
Baltimore	Jan. 30-Feb. 6.	1	
Total for State		1	
Massachusetts:				
New Bedford	Jan. 30-Mar. 13 ...	3	
Taunton	Jan. 3-9	1	
Total for State		4	
Michigan:				
Barry County	Nov. 1-Dec. 31	5	
Cheboygan County	Dec. 1-31	4	
Delta County	Nov. 1-30	1	
Eaton County	Dec. 1-31	1	
Ingham County—				
Lansing	Nov. 1-Dec. 31	11	
Ionia County	Dec. 1-31	2	
Kalamazoo County	Dec. 1-31	3	
Kent County—				
Grand Rapids	Jan. 24-Feb. 20	2	
Lapeer County	Dec. 1-31	2	
Macomb County	Nov. 1-30	1	
Manistee County	Nov. 1-30	2	
Menominee County	Dec. 1-31	1	
Muskegon County	Nov. 1-Dec. 31	19	
Saginaw County—				
Saginaw	Jan. 16-Feb. 20	4	
St. Clair County	Nov. 1-Dec. 31	2	
Port Huron	Nov. 1-Dec. 5.	3	
Wayne County—				
Detroit	Jan. 10-Mar. 6	6	
Wexford County	Dec. 1-31	2	
Total for State		71	
Minnesota:				
Becker County	Dec. 7-13	1	
Benton County	Oct. 26-Nov. 2	1	
Brown County	Oct. 20-Nov. 23	11	
Carver County	Dec. 7-13	6	
Cass County	Oct. 12-Dec. 7	1	
Chippewa County	Nov. 3-9	1	
Cottonwood County	Oct. 20-26	1	
Dodge County	Nov. 24-Dec. 7	2	
Faribault County	Dec. 7-13	1	
Hennepin County	Oct. 6-12	1	
Minneapolis	Nov. 1-Jan. 31	43	Mar. 1-6, 11 cases.
Hubbard County	Oct. 19-Dec. 7	11	
Jackson County	Dec. 7-13	1	
Lac qui Parle County	Nov. 2-Dec. 13	3	
Lyon County	Nov. 16-Dec. 13	2	
Morrison County	Nov. 20-Dec. 13	20	
Nicolett County	Nov. 16-Dec. 13	3	
Norman County	Dec. 7-13	5	
Pipestone County	Dec. 7-13	6	
Ramsey County	Nov. 16-Dec. 7	2	
St. Paul	Oct. 6-Dec. 13	57	
Renville County	Dec. 1-7	1	
St. Louis County				
Duluth	Nov. 9-Jan. 22	3	
Sibley County	Dec. 7-13	9	
Stearns County	Nov. 9-Dec. 7	4	
Steele County	Oct. 20-Dec. 7	4	
Stevens County	Nov. 9-Dec. 13	12	
Todd County	Nov. 9-Dec. 13	3	
Wabasha County	Nov. 2-Dec. 7	10	
Wadena County	Nov. 2-Dec. 13	15	
Waseka County	Oct. 26-Dec. 7	9	
Washington County	Nov. 24-30	1	
Stillwater	Dec. 1-31	3	
Winona County	Dec. 1-7	1	
Winona	Dec. 1-Jan. 31	5	
Yellow Medicine County	Oct. 20-26	1	
Total for State		260	
Mississippi:				
De Soto County	Nov. 1-Dec. 22	135	
Total for State		135	

Smallpox in the United States, etc.—Continued

Place.	Date.	Cases.	Deaths.	Remarks.
Missouri:				
Kansas City	Jan. 24-Mar. 6....	8	
St. Joseph	Dec. 1-31	1	
St. Louis	Dec. 20-Mar. 6....	16	
Springfield	Nov. 1-Feb. 28....	3	
Total for State.....		28	
Montana:				
Cascade County	Nov. 1-30	4	
Flathead County	Nov. 1-30	1	
Gallatin County	Nov. 1-30	13	
Bozeman	Nov. 1-30	15	
Jefferson County	Nov. 1-30	4	
Ravalli County	Nov. 1-30	4	
Silverbow County	Nov. 1-30	5	
Butte	Dec. 2-Mar. 2....	25	
Yellowstone County.....	Nov. 1-30	1	
Total for State.....		72	
Nebraska:				
Arlington	Jan. 25	1	
Lincoln	Nov. 1-Jan. 31....	7	
South Omaha.....	Dec. 20-Feb. 27....	11	
Total for State.....		19	
New Hampshire:				
Hinsdale	Nov. 1-Dec. 15....	6	
West Chesterfield.....	Nov. 1-Dec. 15....	1	
West Lebanon	Jan. 15-Feb. 7....	2	
Westmoreland	Nov. 1-Dec. 15....	1	
Total for State.....		10	
New Jersey:				
Camden	Feb. 21-Mar. 6....	3	
Perth Amboy	Mar. 4-10	6	
Total for State.....		9	
New York, general:				
Buffalo	Nov. 1-Dec. 31....	75	1	
Buffalo	Feb. 14-Mar. 6....	3	
Mohawk Valley			1	Year 1908.
New York	Feb. 21-27	1	1	
Niagara Falls	Feb. 7-13	1	
Rome	Jan. 1-31	1	
Schenectady	Feb. 7-13	1	
Syracuse	Jan. 9-31	3	
Total for State.....		85	3	
North Carolina:				
Ashe County	Jan. 1-31	7	
Bertie County	Nov. 1-30	1	
Camden County	Jan. 1-31	30	
Catawba County	Nov. 1-Dec. 31....	4	
Currituck County	Nov. 1-Jan. 31....	34	
Duplin County	Dec. 1-Jan. 31....	60	
Edgecombe County	Dec. 1-31	1	
Johnston County	Nov. 1-Jan. 31....	13	
Jones County	Jan. 1-31	3	
Lenoir County	Dec. 1-31	20	
Lincoln County	Dec. 1-31	1	
Madison County	Jan. 1-31	2	
Nash County	Jan. 1-31	1	
New Hanover County	Jan. 1-31	2	
Pasquotank County	Nov. 1-Jan. 31....	79	
Pitt County	Jan. 1-31	2	
Sampson County	Jan. 1-31	22	
Scotland County	Jan. 1-31	6	
Wayne County	Jan. 1-31	20	
Wilmington	Jan. 22-Mar. 1....	4	Imported.
Total for State.....		312	
North Dakota	July 1-Feb. 19....	168	

Smallpox in the United States, etc.—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Ohio, general.....	June 14-Jan. 2.....	337		
Cincinnati.....	Dec. 12-Mar. 5.....	161	1	
Cleveland.....	Feb. 28-Mar. 5.....	2		
Columbus.....	Mar. 1-6.....	1		
Dayton.....	Jan. 24-Feb. 20.....	5		
Newark.....	Jan. 3-23.....	3		Year 1908.
Tiffin.....	Jan. 3-23.....	2		
Total for State.....		511	1	
Oregon:				
Clackamas County.....	Sept. 1-30.....	1		
Harney County.....	Sept. 1-30.....	1		
Jackson County.....	Oct. 1-Dec. 31.....	9		
Lane County.....	Dec. 1-31.....	10		
Linn County.....	Sept. 1-Oct. 31.....	5		
Marion County.....	Sept. 1-Dec. 31.....	4		
Multnomah County.....	Dec. 1-31.....	5		
Portland.....	Nov. 1-Jan. 31.....	76		
Polk County.....	Sept. 1-Dec. 31.....	9		
Tillamook County.....	Oct. 1-31.....	1		
Umatilla County.....	Sept. 1-Dec. 31.....	6		
Wallowa County.....	Oct. 1-31.....	1		
Washington County.....	Oct. 1-Dec. 31.....	23		
Yamhill County.....	Sept. 1-Dec. 31.....	17		
Total for State.....		168		
Pennsylvania:				
Gracedale.....	Oct. 24.....	1		
Harrisburg.....	Dec. 18-Jan. 20.....	3		
New Castle.....	Feb. 1-28.....	2		
New Kingstown.....	Dec. 29.....	1		Present.
Philadelphia.....	Dec. 19-25.....	1		Imported.
Pittsburg.....	Dec. 18-19.....	1		
Prompton.....	Jan. 2-Feb. 10.....	3		
Total for State.....		11		
South Dakota:				
Aberdeen.....	May 1-Jan. 31.....	43		
Total for State.....		43		
Tennessee:				
Green County.....	Jan. 2.....	103		Including Greenville.
Knoxville.....	Dec. 28-Feb. 27.....	13		
Memphis.....	Jan. 1-Mar. 6.....	126		
Nashville.....	Dec. 20-Mar. 13.....	37		
Polk County.....	Jan. 22.....	30		
Total for State.....		309		
Texas:				
Cost.....	Oct. 1-Dec. 19.....			Present.
Cotulla.....	Jan. 25-Feb. 17.....			Do.
Denton County.....	Jan. 1-Feb. 8.....	9		Including Justin and Roanoke.
El Paso.....	Feb. 10-Mar. 9.....	5	1	
Falfurrias.....	Dec. 26.....	12		
Fort Worth.....		256		Year 1908.
Goliad County.....	Dec. 1-Jan. 20.....	25		
Houston.....	Jan. 1-31.....	3		
Laredo.....	Dec. 26-Mar. 6.....	5		
Monthalia.....	Oct. 1-Dec. 19.....			Present.
Oak Forest.....	Oct. 1-Dec. 19.....			Do.
San Antonio.....	Dec. 13-Mar. 6.....	72		
San Augustine County.....	Jan. 5.....			Do.
Total for State.....		387	1	
Utah:				
Cache County.....	Jan. 1-31.....	41		
Davis County.....	Nov. 1-Jan. 31.....	26		
Garfield County.....	Dec. 1-Jan. 31.....	25		
Millard County.....	Jan. 1-31.....	1		
Salt Lake County.....	Dec. 1-Jan. 31.....	136		
Salt Lake City.....	Dec. 1-Feb. 28.....	272	1	
Sanpete County.....	Dec. 1-31.....	1		
Sevier County.....	Jan. 1-31.....	2		
Summit County.....	Dec. 1-Jan. 31.....	31		
Utah County.....	Dec. 1-31.....	1		
Weber County.....	Nov. 1-Jan. 31.....	3		
Total for State.....		539	1	

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Popula- tion, United States census, 1900.	Total deaths from all causes.	Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Butte, Mont.	Feb. 23	30,470	10	3	3			3		1					
Do.	Mar. 2	30,470	8	1	1			4	2	1					
Cambridge, Mass.	Mar. 6	91,886	33	7	4			5		10		10		2	
Camden, N. J.	do	75,935	34	4	1	1		7		6	1	8			
Camden, S. C.	do	2,441				1		1							
Carbondale, Pa.	do	13,536	6	1	1	1				1					
Charlotte, N. C.	Mar. 5	18,091	2					1				5			
Chelsea, Mass.	Mar. 6	34,072	8	1				4		15					
Chicago, Ill.	do	1,698,576	601	433	73	264	9	594		526	16	467	2	68	1
Chicopee, Mass.	do	19,167	11							11	2	5			
Cincinnati, Ohio	Mar. 5	325,902	131	12	22	1		7		1		5		9	
Cleveland, Ohio	do	381,768	136	38	15	4	1	15		28		16	2	24	
Clinton, Mass.	Mar. 6	13,667	6	2	1					1	1				
Columbus, Ga.	do	17,614	4											1	
Columbus, Ohio	do	125,560	50	13	6	2	2	1		1		4			
Covington, Ky.	do	42,938	12			1				1					
Danville, Ill.	Mar. 7	16,584	8		1			6		1					
Dayton, Ohio	Mar. 6	85,353	31	2				1		1		13			
Detroit, Mich.	do	285,704	112					9		14	1				
Duluth, Minn.	Mar. 4	80,000	16	12	1			4		9					
Dunkirk, N. Y.	Mar. 6	11,616	4					1							
Elmira, N. Y.	do	35,672	7	31		1		3		2		7			
El Paso, Tex.	Mar. 2	15,905	28		4	2	1	2	1			3			
Elkhart, Ind.	Mar. 6	15,184	6	3	2							3			
Erie, Pa.	Mar. 7	52,753	13	2	1	3		10		1		1		13	2
Evansville, Ind.	Mar. 6	59,007	14	2	3	3				2					
Everett, Mass.	do	24,336	8	1				6							
Fall River, Mass.	do	104,863	51	1	1	1		3		2	1	6		1	
Findlay, Ohio	do	17,613	5		1										
Fort Wayne, Ind.	do	45,115	22		4					2					
Galesburg, Ill.	do	18,607	10					2		1					
Galveston, Tex.	Mar. 5	37,789	8	3	1	2		1		2					
Glens Falls, N. Y.	Mar. 6	13,543	9	3	2							1			
Gloucester, Mass.	Mar. 5	26,121	3		1										
G't Rapids, Mich.	Mar. 6	87,565	29	2	1	3		11		8	1	1		5	1
G't Falls, Mont.	do	14,930	3	2				11		1	1	6			
Greensboro, N. C.	do	10,035	3												
Harrison, N. J.	do	10,596	5	2	2	1				1					
Hartford, Conn.	Feb. 28	79,850	42		4					3		2		1	
Do.	Mar. 7	79,850	33	3	4			3		3					
Haverhill, Mass.	Mar. 6	37,175	12	5	1					5	1	1			
Hoboken, N. J.	do	59,364						8	1	3					
Homestead, Pa.	Feb. 28	12,554	13	1	1	1						26			
Do.	Mar. 7	12,554	9					2				18			
Indianapolis, Ind.	do	169,164	56		8	2		2		6	1	34			
Jacksonville, Fla.	Mar. 6	28,429	26		2					1	1				
Jersey City, N. J.	Mar. 7	206,433	94	2	9			23	2	13	1	46		5	
Johnstown, Pa.	Mar. 6	35,936	18			2	1	13		4	1	6			
Kansas City, Kans.	do	51,418	24		6	3		2		1		1		1	1
Kansas City, Mo.	do	163,752	58	7	5	11	1	4	1	7	1	3			
Kearny, N. J.	do	10,896	4					2		1					
Kingston, N. Y.	do	24,535	8												
Knoxville, Tenn.	do	32,637	12	1	1					1	1	13		1	1
La Crosse, Wis.	do	28,895	7					2							
La Fayette, Ind.	Mar. 8	18,116	3		1			2				2			
Lancaster, Pa.	Mar. 6	41,459	8			1		5		1				4	
Lawrence, Mass.	Mar. 6	62,559	27	3	3		1	1		3		8			
Lebanon, Pa.	Mar. 9	17,628	7		2	1		1		1	1	2			
Lexington, Ky.	Mar. 6	26,369	19		1									3	
Little Falls, N. Y.	do	10,381	2							7		2			
Los Angeles, Cal.	Feb. 27	102,479	97	13	20	6	1	19		7	1	2			
Lowell, Mass.	Mar. 6	94,969	40	2	2					6	1	1			
Lynchburg, Va.	do	18,891								1					
Lynn, Mass.	do	68,513	23		1	2		3	1	6		2			
Malden, Mass.	do	33,664	5	2				6		5		12			
Manchester, N. H.	do	56,987	22	1	1			2		3				1	1
Manitowoc, Wis.	do	11,786	6							1	1				
Mansfield, Ohio	do	17,650										2			
Marinette, Wis.	do	16,195		1	1			4							
Marion, Ind.	do	17,337	10		1			2		1					
Marlboro, Mass.	Feb. 27	13,609	9					1							1
Do.	Mar. 6	13,609	7					1							

Weekly morbidity and mortality table, cities of the United States—Continued.

Cities.	Week ended—	Popula- tion, United States census, 1900.	Total deaths from all causes.	Tuber- culosis.		Enteric fever.		Scarlet fever.		Diph- theria.		Measles.		Whoop- ing cough.	
				Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Massillon, Ohio ..	Mar. 6	11,944	2
Medford, Mass.	do	18,244	7
Melrose, Mass.	do	12,962	3	1	5	...	2	1	1
Minneapolis, Minn.	do	202,718	70	5	3	1	4	21	...	28	2	19	...
Mobile, Ala.	Feb. 27	38,469	21	...	4	1
Montclair, N. J.	Mar. 6	13,962	3
Montgomery, Ala.	Mar. 5	30,346	14	...	2	1	3
Moline, Ill.	Mar. 7	17,248	11	5	15	1
Morristown, N. J.	Mar. 6	13,000	3	1	1
Mount Vernon, N. Y.	do	21,228	13	...	1	1	...	1	...	1	...	17	1	1	...
Muncie, Ind.	do	20,942	3
Nanticoke, Pa.	Mar. 7	12,616	4	1	4	...	2	...
Nashville, Tenn.	Mar. 6	80,865	33	4	5	1	1	...	1
Nebraska City, Nebr.	do	7,200	3	1
Newark, N. J.	do	246,070	98	...	16	4	...	49	1	31	2
New Bedford, Mass.	do	63,442	24	3	1	2	...	6	1	2	1
Newburyport, Mass.	do	14,478	5	1
New London, Conn.	do	17,548	7	1	1	2
New Orleans, La.	do	278,104	136	34	16	8	5	59	2	5
Newton, Mass.	do	83,587	14	1	...	1	...	1	...	3	1	1
New York, N. Y.	do	3,437,202	1,483	464	163	28	7	352	23	332	44	642	20	62	3
Niagara Falls, N. Y.	do	19,467	7	2	...	7	1	1
Norristown, Pa.	do	22,265	11	1
North Adams, Mass.	do	24,200	5	2	2
Northampton, Mass.	do	18,643	5	17
Orange, N. J.	do	24,141	8	1	3	3	...	1
Ottumwa, Iowa.	do	18,197	4	3	...
Paducah, Ky.	Mar. 7	19,446	8	5	1
Palmer, Mass.	Feb. 27	7,801	3	1	1	1
Do.	Mar. 6	7,801	2
Philadelphia, Pa.	Feb. 13	1,293,697	603	144	82	56	12	67	2	71	10	78	7	16	3
Do.	Feb. 20	1,293,697	549	113	60	88	9	76	3	93	16	147	5	13	2
Do.	Feb. 27	1,293,697	569	152	86	55	9	75	3	80	8	126	5	23	4
Pittsburg, Pa.	Feb. 13	321,616	164	36	13	27	3	27	3	11	2	30	1	12	2
Do.	Feb. 20	321,616	141	38	13	37	5	32	1	15	1	37	2	20	1
Do.	Feb. 27	321,616	161	32	13	13	6	30	1	13	1	28	...	27	1
Pittsfield, Mass.	Mar. 6	21,766	9	1	1	1
Plainfield, N. J.	do	15,369	5	2	2
Plymouth, Pa.	do	13,649	4	2
Portland, Me.	Feb. 13	50,145	20	1	1	1	...	1
Do.	Feb. 20	50,145	20	1	...	2
Do.	Feb. 27	50,145	23	1	1	1	...	1	...	3	1	...
Do.	Mar. 6	50,145	21	1	2	4	...	4
Portsmouth, Va.	Mar. 9	17,427	6	2	...	1
Providence, R. I.	Mar. 6	175,597	79	4	9	7	...	13	2
Racine, Wis.	do	29,102	17
Reading, Pa.	Mar. 8	78,961	36	4	4	9	1	14	...	2	...	2	...	6	...
Richmond, Va.	Mar. 6	85,050	50	1	10	2	4	1	1
Rock Island, Ill.	Feb. 27	19,493	10	1	1	1
Do.	Mar. 6	19,493	8	...	1
Saginaw, Mich.	Feb. 27	42,345	15	1	1	1
St. Joseph, Mo.	Feb. 20	102,979	8	1	3	...	1
Do.	Feb. 27	102,979	16	...	2	2	...	1
St. Louis, Mo.	Mar. 6	575,238	242	50	24	3	2	15	1	46	7	221	8	5	...
San Antonio, Tex.	do	53,321	1
San Francisco, Cal.	Feb. 27	342,782	150	26	22	2	2	7	...	7	3	73	1	6	1
Scranton, Pa.	Mar. 6	102,026	24	1	...	2	2	3	...	17
Schenectady, N. Y.	do	31,682	17	3	3	7	2	5	2
Shamokin, Pa.	do	18,202	5	2	2
Somerville, Mass.	do	61,645	27	...	1	6	...	7	...	9
South Bend, Ind.	do	35,999	15	1	1	1	5
Spokane, Wash.	Feb. 27	38,848	35	4	1
Springfield, Ill.	Mar. 5	34,159	14	13	...	3	...	81	2
Springfield, Mass.	Mar. 6	62,059	22	2	5	...	1	2	3
Springfield, Ohio.	do	38,253	7	5	2	2

FOREIGN AND INSULAR.

CURRENT QUARANTINE MEASURES.

[From the Veröffentlichungen des Kaiserlichen Gesundheitsamtes, Berlin, March 3, 1909.]

CHOLERA.

RUSSIA.—February 14. The Don territory is declared only menaced with cholera, with the exception of the Taganrog district, which is infected. The territories of Kooban, Terek, and Akmolinsk, the city of Taganrog, and the market town of Asov are declared free from cholera.

BARBADOS.

Report from Bridgetown—Inspection of vessels—Status of yellow fever.

Acting Assistant Surgeon Urquhart reports, February 27 and March 6:

Period February 22 to 27. Number of vessels inspected, 6. Total number of passengers, 3; members of crews, 153. The sanitary condition of the vessels, cargoes, crews, and passengers was good. Five cases of yellow fever were reported this week, none of which were in this port; they were in the interior of the island. No deaths were reported for the week.

To date there have been reported 54 cases of yellow fever, with 16 deaths. The last case of yellow fever and last death from the same disease reported in Bridgetown occurred February 1.

Week ended March 6. Number of vessels inspected, 7; total number of passengers, 40; members of crews, 385. The sanitary condition of the vessels, cargoes, crews, and passengers was good. Three cases of yellow fever were reported this week, 2 in Bridgetown, with no deaths.

CHINA.

Report from Amoy—Plague.

The following is received from the Department of State, under date of March 16:

Cable from Amoy, China, plague.

Report from Shanghai—Inspection of vessels—Plague in rats.

Acting Assistant Surgeon Ransom reports, January 26:

Week ended January 23. Supplemental bills of health granted to 2 steamships having an aggregate personnel of 449. Of these 1 vessel, 117 members of crews, and 17 steerage passengers were inspected.

There were also inspected and passed 41 pieces of steerage passenger baggage. Manifests were viséed for 3,653 pieces of freight, amounting to 187.02 tons.

The steamship *Tenyo Maru*, Hongkong to San Francisco, remained at Woosung while in this port. Loading was carried on from lighters during daylight only, and rat guards were used on lines to lighters. The communication with shore was limited to the European personnel exclusively. The inspection of personnel from Shanghai was carried out at the tender for the vessel at the hour of her departure.

The steamship *Tango Maru*, Hongkong to Seattle, lay at a buoy while in this port. She was loaded from lighters during the entire twenty-four hours, rat guards being used on all lines. The purser of the vessel only was allowed on shore. The vessel was scheduled to sail on January 23, and bill of health was accordingly issued at that time; but her departure was delayed twenty-four hours, so that the final inspection of the vessel and personnel was made at 11.30 on January 24.

Plague-infected rats continue to be found and are spread over the entire settlement. No human plague cases have been reported. The weather has been exceedingly cold, and there have been two falls of snow during the week just ended.

No reports have been received from outports.

CUBA.

Reports from Habana—Inspection of vessels—House and water-deposit inspection—Sewerage system—Summary of inspection work, and comparative statistics, year 1908.

Passed Assistant Surgeon Amessee reports, March 4:

Week ended March 6.

Vessels inspected.....	24
Bills of health issued.....	30
Members of crews of outgoing vessels inspected.....	1,545
Passengers of outgoing vessels inspected.....	1,558

Sanitary conditions in Habana and vicinity are satisfactory.

During the month of February the district inspectors examined 40,513 premises, uncovering 78 deposits of mosquito larvæ, 34 of these collections showing larvæ of *Stegomyia calopus*.

The work of installing a system of sewerage is now in progress, about 4 miles having been thus far completed of the 425 miles outlined in the decree authorizing the work.

The official report of the city health officer for the month of January, 1909, shows 40,000 houses inspected and 45 deposits of water containing mosquito larvæ uncovered. Of these latter 27 contained larvæ of *Stegomyia calopus*. This low percentage of infested premises is accounted for by the low temperatures prevailing and the absence of rain. The department issued 3,273 orders for various corrections of sanitary delinquencies. One hundred and sixty-six cisterns and wells were screened, and 621 fines imposed.

Tuberculosis is credited with 96 of the 506 deaths registered for the month, a proportion of almost 1 in 5. Many of these deaths occurred among the cigar makers, and the health officer calls special attention

to the grave consequences involved in retaining employees in the tobacco trade who are known to be infected. A campaign of education is contemplated to supplement the antituberculosis movement inaugurated under the American administration.

The mortality rate for the month was 17.76, with an estimated population of 333,000.

YEAR 1908.

The annual report of the year 1908 of the city health officer of Habana shows that in the year 1906 there were 6,144 deaths in the municipality of Habana; in 1907, 6,708; and in 1908, which is the subject of this report, 5,994. A corresponding improvement is noticeable in the morbidity statistics as compared with those of 1907:

Diseases.	Number of cases in—	
	1907.	1908.
Enteric fever.....	423	313
Diphtheria.....	723	430
Yellow fever.....	7	3
Scarlet fever.....	103	339

The number of deaths due to these and other preventable diseases has also decreased, having a diminution in the fatal cases of 34 in enteric fever, 54 in enteritis in children of less than 2 years of age, 29 in diphtheria, and 7 in infantile tetanus.

One hundred and seventy-two public and 104 private schools were inspected, comprising the examination of 10,852 children.

As a result of this inspection, orders were issued to 644 children to temporarily discontinue school attendance to prevent the spread of transmissible diseases. Forty-five children suffering from trachoma were suspended from attendance.

The division of disinfection fumigated 4,231 houses, containing 22,830 rooms, on account of transmissible diseases.

There were disinfected in the steam sterilizer 4,827 pieces of clothing and 5,784 pieces were burned.

The mosquito division petrolled or destroyed 818,105 cans and other breeding places found on vacant lots and public grounds. This division also petrolled or drained 170,586 pools, ditches, and swamps; 39,395 crab holes were destroyed, 15,183 drainage ditches were covered or cleaned and petrolled, and 50,912 square meters of brush were cleared.

In the tuberculosis division the following transactions are noted:

Since the dispensary was opened to the public, 12,141 patients have registered, and on December 31, 1907, 308 patients were under treatment. In 1908, 979 patients registered, 918 adults and 61 children. There were 5,926 consultations at the dispensary and 1,102 home visits. The pharmacy dispensed 9,909 prescriptions. Patients to the number of 88 were supplied with food and 411 with condensed milk.

In the central office for tuberculosis there were on December 31, 1907, 1,769 registries. During the year 1908, 1,739 registrations were made. One thousand one hundred and eighty-five patients died and 506 were dropped from the lists, the actual number on December 31, 1908, being 1,817 tuberculous patients.

The division of district inspectors was also very active during the year, having petrolled 580,128 houses, in which 1,611 water deposits were found to contain mosquito larvæ; 1,734 of the genus *Stegomyia*.

The largest number of *Stegomyia* deposits found for any one month was 176 in October.

Eighty-seven stores, 63 private houses, 34 tenement houses, and 57 stables were closed. Seventeen houses were demolished, and 4,315 cesspools were cleaned, giving a total of 9,906 cartloads. Orders were issued for the mosquito-proof covering of 410 water tanks, 181 water deposits, 58 cisterns, and 318 containers of various descriptions.

In the month of March, 1908, the work of collecting and classifying mosquito larvæ was begun. A register of the infested houses was kept, and the name of the occupant noted.

The medical inspectors have maintained a very careful surveillance over all passengers coming to Habana from districts infected with yellow fever or suspected of such infection. All hotels, inns, boarding houses and lodging houses were required to report their daily arrivals. The registration books of all lodging houses have been kept as the law requires, and on this account the tracing of yellow fever cases has been much more successful.

During the year 1908 there were only 3 cases of yellow fever; 1 from Aguila street, taken sick January 27; another from Estrella street, taken sick on same date, and the last case from an inn in San Pedro street, taken sick September 11. This last case could not be satisfactorily traced. The measures employed to check spread from this case were successful.

The campaign against uncovered water deposits has resulted in a marked diminution of the *Stegomyia* mosquito, and a brigade is maintained. The special brigades for petrolling cesspools and ditches have been reorganized to reenforce the work of the inspectors. Each brigade consists of 4 men with a horse and a cart.

Report from Matanzas—Inspection of vessels.

Acting Assistant Surgeon Nuñez reports, March 8:

Week ended March 6.

Bills of health were granted to 9 vessels leaving for United States ports in good sanitary condition.

There were no quarantinable diseases reported during the week.

Report from Santiago—Inspection of vessels.

Acting Assistant Surgeon Wilson reports, March 2:

Week ended February 27.

Bills of health issued to 6 vessels bound for the United States.

No quarantinable disease reported.

EGYPT.

Case of plague among pilgrims at Suakin.

The following information is taken from the Bulletin Quarantenaire, Alexandria, February 4 and 11:

A case of plague among the pilgrims by the steamship *Huriet II* was bacteriologically verified at the sanitary camp of Suakin and isolated February 1. The pilgrims were ordered to be removed to another

section of the camp after disinfection and quarantine, beginning from the date of verification.

Suakim is situated on the Red Sea and is the starting point of caravan travel for Berber, Kassala, and Khartoum.

Pilgrimage of 1908-9 declared plague infected.

The sanitary, maritime, and quarantine council of Egypt at its session of January 12 declared the present pilgrimage to the Hedjaz to be plague infected and resolved to apply to it the plague regulations. Pilgrims returning to Egypt by way of Syria shall undergo quarantine at Tor. Vessels bringing to Egyptian ports any considerable number of these pilgrims will be refused admission.

GERMANY.

Report from Berlin—Status of cholera in Russia.

The following is received from Consul-General Thackara, under date of February 20:

During the period from January 24 to 30 there were registered in the city of St. Petersburg 193 cases of cholera, with 52 deaths, and in other places in the government district of Petersburg 1 new case and 4 deaths; in the Don region 7 cases (4 deaths), making a total of 201 cases and 60 deaths.

According to a supplementary official report the total number of cases in the previous week amounted to 304, with 129 deaths.

Cholera spreading in St. Petersburg.

Consul-General Thackara further reports, February 15:

According to a press telegram dated February 12, the number of cholera cases continues to increase. To-day there were 43 fresh cases. At St. George's Hospital there are 15 new cases, and there are 2 cases at the Constantin Military School. A special cholera council has been convoked.

HAWAII.

Reports from Honolulu—Examination of rats at Honolulu for plague infection—Plague infection in rats from Hilo.

Passed Assistant Surgeon Currie, plague laboratory, reports, March 1, through Temporary Chief Quarantine Officer Moore:

HONOLULU.

Week ended February 20.

Total rats taken	634
Trapped	603
Found dead	0
Shot from trees	31
Classification of rats trapped:	
<i>Mus alexandrinus</i>	107
<i>Mus musculus</i>	299
<i>Mus norvegicus</i>	71
<i>Mus rattus</i>	126

Classification of rats shot from trees:

Mus alexandrinus	15
Mus rattus	10
Average number of traps set daily	1,544
Poisons placed (barium carbonate)	225
Rats from Hilo referred to this laboratory for bacteriological diagnosis	0
Rats from Hilo still under investigation	3
Rats from Hilo proved to be plague infected during week	0

Week ended February 27.

Total rats taken	374
Trapped	470
Found dead	0
Examined bacteriologically	366
Plague infected	0
Classification of rats trapped:	
Mus alexandrinus	62
Mus musculus	277
Mus norvegicus	59
Mus rattus	72
Average number traps set daily	1,556
Rats from Hilo referred to this laboratory for bacteriological diagnosis	0
Rats from Hilo still under investigation	0
Rats from Hilo proved to be plague infected during week	^a 3

HILO.

Week ended February 13.

Total rats taken	228
Trapped	218
Found dead	10
Examined by agent of board of health	225
Classification of rats:	
Mus alexandrinus	20
Mus musculus	28
Mus norvegicus	83
Mus rattus	97

Week ended February 20.

Total rats taken	154
Trapped	148
Found dead	6
Examined by agent of board of health	150
Classification of rats:	
Mus alexandrinus	8
Mus musculus	36
Mus norvegicus	38
Mus rattus	72

INDIA.

Report from Calcutta—Transactions of service—Cholera, plague, and smallpox—Plague in India and Bengal.

Acting Assistant Surgeon Eakins reports, February 18:

During the week ended February 13, a bill of health was issued to the steamship *Marienfels*, bound for Boston and New York with a total crew of 63, and to the steamship *Clan MacIver*, bound for Boston and New York with a total crew of 56. The usual precautions were taken,

^aLast 3 plague rats show *B. pestis* of low virulence. Last rat previously reported to be plague infected was found, on Oahu (Aiea plantation), August 22, 1907; on Hawaii (Hilo), February 3, 1909.

the holds fumigated, rat guards placed on the wharf lines, and the Asiatics' effects disinfected.

Week ended February 6. At Calcutta there were 12 deaths from cholera, 10 from plague, and 202 from smallpox; in Bengal 306 cases of plague with 241 deaths; in India 3,663 cases of plague with 3,076 deaths.

ITALY.

Report from Naples—Inspection of vessels—Examination of emigrants—Smallpox in Naples—Status of smallpox in Italy.

Assistant Surgeon Wollenberg reports, February 22:

Vessels inspected at Naples and Palermo week ended February 20.

NAPLES.

Date.	Name of ship.	Destination.	Steerage passengers inspected and passed.	Pieces of baggage inspected and passed.	Pieces of baggage disinfected.
Feb. 16	Duca degli Abruzzi	New York	1,417	50	1,100
17	Carmania	do			
17	Queen Helena	do			
17	San Giovanni	do	635	15	980
19	König Albert	do	1,279	60	1,250
	Total		3,331	125	3,330

PALERMO.

Feb. 18	San Giovanni	New York	786	810	378
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Rejections recommended.

NAPLES.

Date.	Name of ship.	Trachoma.	Favus.	Suspected trachoma.	Suspected favus.	Other causes.	Total.
Feb. 16	Duca degli Abruzzi	22	9	10		10	51
17	Carmania						
17	Queen Helena						
17	San Giovanni	15	4	8		9	36
19	König Albert	15	1	1	2	6	25
	Total	52	14	19	2	25	112

PALERMO.

Feb. 18	San Giovanni	29		36		1	66
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Smallpox in Naples.—During the week ended February 21 there were 21 cases of smallpox and 5 deaths reported at the health office of the city of Naples.

Status of smallpox in Italy.—Week ended February 21. Provinces: Rescaldina (Milan), 1 case; Alfianello (Brescia), 2 cases; Verona, 1 case; Parma, 4 cases; Messina, 2 cases.

Week ended February 28. Procida (Naples), 1 case; Palermo, 4 cases.

JAPAN.

Report from Yokohama—Inspection of vessels—Plague rat.

Passed Assistant Surgeon Cumming reports, February 17:

During the week ended February 13 bills of health were issued to 2 steamships, having an aggregate personnel of 55 saloon and 130 steerage passengers and 354 members of crews, both vessels being bound for San Francisco, one via Moji and one via Honolulu.

After a long interval of freedom from quarantinable diseases a plague-infected rat was to-day caught in a drain on Sumiyoshi dori, near the athletic grounds in the center of this city.

A strict watch will be kept by this office upon the freight and vessels from this port.

No other quarantinable disease has been reported.

Report from Kobe—Inspection of vessels.

Acting Assistant Surgeon Knight reports, February 9:

During the week ended February 6 supplemental bills of health were granted to 2 steamships. There were inspected 122 members of crews and 11 steerage passengers. Manifests were viséed for 11,419 pieces of freight, amounting to 1,070 tons.

MEXICO.

Report from Coatzacoalcas—Inspection of vessels.

Acting Assistant Surgeon Thompson reports, March 4:

Week ended March 3. Four steamships were inspected and granted bills of health. No illness occurred on board the vessels while in port.

Report from Mexico City—Yellow fever in Merida and vicinity.

The following is received from Dr. Eduardo Liceaga, president of the superior board of health, under date of March 9:

During the week ended March 6, 2 cases of yellow fever, with 1 death, occurred in the city of Merida, and 1 case at Ticul, 75 kilometers distant from Merida.

Report from Salina Cruz—Inspection and fumigation of vessels.

Acting Assistant Surgeon McPherson reports, March 1:

During the period February 16 to 28, inclusive, 3 steamships were inspected and fumigated on clearing from this port for the United States.

PHILIPPINE ISLANDS.

Reports from Manila—Quarantine transactions, month of December, 1908.

Chief Quarantine Officer McClintic reports, January 20:

Quarantine transactions of the Service in the Philippine Islands during the month of December, 1908.

PORT OF MANILA.

Bills of health issued.....	256
Vessels inspected.....	97
Passengers on arriving vessels inspected.....	4,071
Persons vaccinated.....	45
Members of crews on arriving steamships inspected.....	5,806
Members of crews on arriving sailing vessels inspected.....	68
Persons quarantined for observation, suspects and contacts.....	44
Persons bathed and effects disinfected.....	569
Persons in quarantine.....	44
Vessel in quarantine.....	1
Steamship disinfected.....	1
Steamships partially disinfected.....	3
Steamships fumigated to exterminate vermin.....	9
Case of quarantinable disease detected on vessels, smallpox.....	1
Pieces of baggage disinfected.....	757
Pieces of baggage inspected and passed.....	130

OUTGOING.

Steamships sailing without quarantine inspected and passed.....	11
Steamship disinfected.....	1
Members of crews on vessels inspected.....	858
Passengers on vessels inspected.....	389
Members of crews bathed and effects disinfected.....	187
Passengers bathed and effects disinfected.....	293
Pieces of baggage disinfected.....	1,216
Pieces of baggage inspected and passed.....	1,941
Pieces of miscellaneous cargo certified.....	31,492

PORT OF ILOILO.

Bills of health issued.....	12
Vessels inspected.....	27
Passengers on arriving vessels inspected.....	712
Members of crews on arriving steamships inspected.....	1,350
Persons vaccinated.....	17
Steamships fumigated to exterminate vermin.....	1

PORT OF CEBU.

Bills of health issued.....	15
Vessels inspected.....	135
Passengers on arriving vessels inspected.....	1,239
Members of crews on arriving steamships inspected.....	3,128
Members of crews on arriving sailing vessels inspected.....	140
Persons detained in quarantine.....	190
Steamships fumigated to exterminate vermin.....	2
Sailing vessels fumigated to exterminate vermin.....	2
Vessels entering quarantine.....	5

PORT OF CAVITE.

Bills of health issued.....	7
Vessels inspected.....	4
Passengers on arriving vessels inspected.....	2
Members of crews on arriving steamships inspected.....	448

No transactions.

PORT OF OLONGAPO.

No transactions.

PORT OF DAVAO.

PORT OF ZAMBOANGA.

Vessels inspected.....	6
Passengers on arriving vessels inspected.....	191
Members of crews on arriving steamships inspected.....	316

PORT OF JOLO.

Vessels inspected.....	3
Passengers on arriving vessels inspected.....	44
Members of crews on arriving steamships inspected.....	144

RUSSIA.

Report from St. Petersburg—Status of cholera in Russia—Examination of emigrants.

Acting Assistant Surgeon De Forrest reports, February 26:

Reports from St. Petersburg, from February 19 to 25, February 20 and 21 not included, show 63 cases of cholera and 19 deaths. February 19 there were present in the hospital 266 cases.

Cholera was reported at other localities, as follows:

February 19, Jaroslav, 28 cases, 10 deaths.

February 19, Rubinsk, 1 new case.

Number of emigrants examined, sailing March 2, per steamship *Lituania*, 1,119.

FOREIGN AND INSULAR STATISTICAL REPORTS OF COUNTRIES AND CITIES—UNTABULATED.

AFRICA—Sierra Leone—Freetown.—Month of January, 1909. Estimated population, 40,000. Total number of deaths, 64. No deaths from contagious diseases reported.

AUSTRALIA—State of Victoria, including the city of Melbourne.—Quarter ended December 26, 1908. Estimated population of State, 1,237,998; city, 526,400. Total number of deaths, 4,130, including enteric fever 17, scarlet fever 12, and 11 from diphtheria. Cases: Enteric fever 228, scarlet fever 478, and diphtheria 529.

CANADA—Ontario—Hamilton.—Month of February, 1909. Estimated population, 66,967. Total number of deaths, 63, including scarlet fever 2, diphtheria 1, and 4 from tuberculosis. Cases: Scarlet fever 27, diphtheria 12, measles 1, and whooping cough 2.

Ontario—Niagara Falls.—January and February, 1909. Estimated population, 9,500. Total number of deaths, 17, including enteric fever 1, and 1 from tuberculosis.

CUBA—Habana.—Annual report for the year 1908. Estimated population, 300,000. Total number of deaths, 5,994, including enteric fever 66, measles 13, scarlet fever 8, whooping cough 14, diphtheria

27, yellow fever 1, and 1,174 from tuberculosis. Total number of deaths correspond to an annual death rate of 19.62 per 1,000 of population.

Sagua la Grande.—Month of February, 1909. Estimated population, 28,030. Total number of deaths, 31. Cause of deaths not reported.

FRANCE—*Cherbourg*.—Month of February, 1909. Estimated population, 43,948. Total number of deaths, 112, including enteric fever 11, whooping cough 1, and 20 from tuberculosis.

St. Etienne.—Two weeks ended February 15, 1909. Estimated population, 150,000. Total number of deaths, 147, including diphtheria 2, scarlet fever 2, and 11 from tuberculosis.

GERMANY—*Bavaria—Munich*.—Month of December, 1908. Estimated population, 556,000. Total number of deaths, 888, including scarlet fever 22, measles 14, diphtheria 16, whooping cough 3, and 129 from tuberculosis.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 76 great towns in England and Wales during the week ended February 20, 1909, correspond to an annual rate of 18.1 per 1,000 population, which is estimated at 16,445,281.

London.—One thousand seven hundred and thirty-one deaths were registered during the week, including measles 93, scarlet fever 8, diphtheria 19, enteric fever 4, whooping cough 25, tuberculosis 166, and 9 from diarrhea. The deaths from all causes correspond to an annual rate of 18.7 per 1,000. In greater London 2,442 deaths were registered. In the "outer ring" the deaths included 9 from measles, 6 from diphtheria, 1 from enteric fever, and 5 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended February 20, 1909, in the 21 principal town districts of Ireland was 21.5 per 1,000 of the population, which is estimated at 1,142,308. The lowest rate was recorded in Portadown, viz, 5.2, and the highest in Waterford, viz, 40.9 per 1,000.

MADAGASCAR—*Tamatave*.—Seven weeks ended January 30, 1909. Estimated population 7,086. Total number of deaths, 25. Cause of deaths not reported.

MALTA.—Two weeks ended February 13, 1909. Estimated population, 209,974. Total number of deaths, 178, including enteric fever 1, diphtheria 1, and 11 from tuberculosis.

MEXICO—*Tampico*.—Month of February, 1909. Estimated population, 20,000. Total number of deaths, 66, including 7 from tuberculosis.

NEW ZEALAND—*Auckland*.—Month of December, 1908. Estimated population, 73,032. Total number of deaths 78, including 4 from tuberculosis.

Wellington.—Month of December, 1908. Estimated population, 70,947. Total number of deaths, 59, including diphtheria 1, and 4 from tuberculosis.

Christchurch.—Month of December, 1908. Estimated population, 59,544. Total number of deaths, 45, including 11 from tuberculosis.

Dunedin.—Month of December, 1908. Estimated population, 59,495. Total number of deaths, 48, including scarlet fever 1, and 9 from tuberculosis.

SPAIN—Almeria.—Annual report for the year 1908. Estimated population, 50,000. Total number of deaths, 1,422, including smallpox 36, enteric fever 37, scarlet fever 8, diphtheria 10, measles 11, whooping cough 10, and 124 from tuberculosis. Total number of deaths correspond to an annual death rate of 28.18 per 1,000 of population.

Month of January, 1909.—Estimated population, 50,000. Total number of deaths, 125, including enteric fever 2, smallpox 1, and 16 from tuberculosis.

Huelva.—Month of January, 1909. Estimated population, 24,000. Total number of deaths, 92, including enteric fever 1, and 9 from tuberculosis.

URUGUAY—Montevideo.—Month of December, 1908. Estimated population, 309,904. Total number of deaths, 448, including smallpox 1, measles 4, scarlet fever 4, diphtheria 2, whooping cough 1, and 69 from tuberculosis.

Cholera, yellow fever, plague, and smallpox, from December 26, 1908, to March 19, 1909.

[Reports received by the Surgeon-General, Public Health and Marine-Hospital Service, from American consuls, through the Department of State, and from other sources.]

[For reports received from June 26, 1908, to December 25, 1908, see PUBLIC HEALTH REPORTS for December 25, 1908.]

[NOTE.—In accordance with custom, the tables of epidemic diseases are terminated semiannually and new tables begun.]

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
Ceylon:				
Colombo.....	Nov. 15-Dec. 5....	12	10	
China:				
Hongkong.....	Dec. 28-Jan. 2....	1	1	
India:				
Bombay.....	Dec. 9-Feb. 16....		80	
Calcutta.....	Nov. 1-Feb. 6....		149	
Madras.....	Nov. 14-Feb. 12....		53	
Negapatam.....	Oct. 31-Nov. 6....		1	
Rangoon.....	Nov. 8-Feb. 6....		29	
Indo-China—Cholen.....	Nov. 9-15.....	1	1	
Persia:				
Tabriz.....	Oct. 9-Dec. 28....	1,003	500	
Philippine Islands:				
Manila.....	Nov. 1-Jan. 2....	84	56	Third quarter, 1908, 673 cases and 458 deaths.
Provinces.....				Third quarter, 1908, 17,619 cases and 11,116 deaths.
Antique.....	Nov. 1-Jan. 16....	200	163	
Bataan.....	Nov. 1-7.....	1	1	
Bohol.....	Dec. 20-Jan. 16....	73	50	
Bulacan.....	Nov. 1-Dec. 19....	81	67	
Cagayan.....	Nov. 1-Jan. 16....	114	67	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

CHOLERA—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Philippine Islands—Cont'd.				
Provinces—Continued.				
Capiz.....	Nov. 1-Jan. 16....	1,056	580	
Cavite.....	Nov. 1-Jan. 12....	73	56	
Cebu.....	Dec. 20-Jan. 16....	17	12	
Ilocos Norte.....	Nov. 1-Jan. 16....	335	235	
Ilocos Sur.....	Nov. 1-Jan. 2.....	207	140	
Iloilo.....	Nov. 1-Jan. 16....	293	154	
La Laguna.....	Nov. 1-Jan. 16....	76	49	
Leyte.....	Nov. 1-Jan. 12....	142	121	
Negros Occidental.....	Nov. 1-Jan. 16....	272	175	
Palawan.....	Nov. 1-Dec. 19....	10	5	
Pampanga.....	Nov. 1-Jan. 16....	10	9	
Rizal.....	Nov. 1-Jan. 16....	221	199	
Samar.....	Nov. 1-Jan. 16....	148	102	
Sorsogon.....	Jan. 10-16.....	20	9	
Surigao.....	Nov. 15-Jan. 12....	7	4	
Union.....	Nov. 1-Jan. 12....	12	8	
Zambales.....	Dec. 6-12.....	3	3	
Russia, general.....	Nov. 15-Feb. 13....	3,908	1,560	Dec. 1, 3 cases are reported present at Riga. From 1 to 4 cases are reported weekly from the following places:
Akmolinsk.....	Nov. 15-Jan. 23....	34	13	Schuscka, Dnjeprowsk (Simferopol), Bijsk, Smeinogorsk, Barnoul, Pokrowsk, Jusowska, Etschmiadsin, and Dorpat.
Bakoo.....	Nov. 22-28.....	3	2	In vicinity.
Batoom.....	Nov. 15-21.....	4	2	
Cronstadt.....	Nov. 15-Jan. 16....	3	1	
Don, territory of.....	Nov. 15-Feb. 13....	187	96	
Ekaterrinslav.....	Nov. 15-Dec. 26....	27	11	
Erivan.....	Dec. 1-31.....	28	21	
Helsingfors.....	Jan. 10.....	2	
Jaroslav.....	Feb. 7.....	1	
Kerson.....	Nov. 15-Dec. 19....	2	
Kharkov.....	Dec. 6-12.....	1	
Kief.....	Nov. 15-Dec. 12....	11	1	
Kooban.....	Nov. 15-Jan. 2.....	139	76	
Kostroma.....	Dec. 6-12.....	1	
Livonia.....	Nov. 15-21.....	2	1	
Moscow district.....	Dec. 6-Jan. 30....	8	8	Including Brownitza.
Moscow.....	Jan. 17-23.....	1	1	Imported.
Odessa.....	Nov. 29-Dec. 12....	2	2	
Olonets.....	Nov. 21-28.....	1	1	
Poltava.....	Nov. 29-Dec. 5.....	3	
Samara gov't dist.....	Nov. 29-Dec. 5.....	7	7	
Samarcand.....	Dec. 6-12.....	10	7	In vicinity.
Saratov.....	Nov. 15-Dec. 12....	11	6	
Semipalatinsk, territory of.....	Dec. 19-26.....	1	
Stavropol.....	Nov. 15-21.....	1	
St. Petersburg, government.....	Nov. 15-Feb. 13....	13	8	
St. Petersburg.....	Nov. 29-Feb. 13....	1,724	549	Feb. 25, still present.
Tambov.....	Nov. 15-Dec. 12....	16	8	
Tavride.....	Nov. 15-Dec. 19....	9	5	
Terek, territory of.....	Nov. 15-Dec. 19....	99	62	
Tiflis.....	Nov. 15-21.....	9	4	
Tomsk.....	Nov. 15-Jan. 23....	102	48	
Tver, district.....	Nov. 15-Dec. 5.....	4	
Volgoda.....	Dec. 6-12.....	1	
Yelisavetpol.....	Nov. 26-Dec. 5....	5	10	
Siam:				
Bangkok.....	Nov. 1-Dec. 5.....	1	
Straits Settlements:				
Singapore.....	Nov. 8-Jan. 23....	161	

YELLOW FEVER.

Barbados, general.....	Dec. 12-Mar. 6....	49	16	Including the parishes of St. Andrew, St. Lucy, and St. Joseph.
Bridgetown.....	Dec. 12-Mar. 6....	8	
Brazil:				
Bahia.....	Nov. 15-Feb. 13....	104	34	
Manaos.....	Nov. 29-Feb. 20....	10	
Para.....	Nov. 22-Feb. 27....	38	
Pernambuco.....	Nov. 15-30.....	1	
Colombia:				
Cartagena.....	Jan. 8-14.....	1	1	
Cuba:				
Oriente Province—				
San Luis.....	Jan. 1-2.....	2	1	These cases were removed Dec. 28 and 29, respectively, to Santiago, where 1 case died Dec. 31.

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

YELLOW FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Curacao	Jan. 15	1	
Dutch Guiana:				
Paramaribo	Dec. 1-Jan. 27	32	8	
Ecuador:				
Guayaquil	Nov. 29-Feb. 13	26	
Martinique:				
Fort de France	Dec. 13-Jan. 30	3	1	
Mexico:				
Itzincal plantation	Dec. 6-12	2	2	
Maxcanu	Dec. 6-Jan. 23	5	4	Aug. 22-Dec. 18, 5 cases not previously reported.
Merida	Dec. 6-Mar. 6	15	8	
San Bernardo plantation	Dec. 27-Jan. 30	4	2	
Sodzil plantation	Dec. 13-Jan. 2	7	5	
Ticul	Feb. 1-Mar. 6	2	1	
Veracruz	Dec. 6-Feb. 13	13	6	
Trinidad:				
Port of Spain	Jan. 20	1	

PLAGUE.

Azores:				
Terceira	Jan. 25-Feb. 9	9	1	
Australia:				
Brisbane	Nov. 1-7	1	1	
Brazil:				
Bahia	Nov. 15-Feb. 13	45	24	
Para	Jan. 24-Feb. 6	2	
Pernambuco	Nov. 1-Dec. 31	10	
Rio de Janeiro	Nov. 16-Feb. 14	64	34	
Chile:				
Iquique	Nov. 22-Jan. 26	22	3	
China:				
Amoy	Mar. 16	Present.
Hankau	Nov. 30-Dec. 5	1	1	On river boat Loongwo.
Hongkong	Nov. 8-Jan. 2	2	2	
Tientsin	Oct. 18-Nov. 21	Still present.
Tongshan	Nov. 1-14	Present.
Ecuador:				
Guayaquil	Nov. 29-Feb. 23	34	
Milagro	Nov. 17-Dec. 12	17	8	Dec. 19, still present.
Tolte	Dec. 25-Jan. 17	30	20	
Egypt:				
Alexandria	Nov. 14-Dec. 4	3	
Port Said	Dec. 4	1	
Suakim	Feb. 1	1	On ss. Huriet II.
Provinces:				
Assiout	Dec. 2-Jan. 13	5	5	
Beherah	Nov. 24-Dec. 26	11	6	
Dakaklieh	Feb. 4	1	1	
Galyoobeeyeh	Nov. 21-Feb. 2	3	
Garbieh	Nov. 27-Jan. 28	4	2	
Girgeh	Oct. 18-Feb. 1	6	6	
Fayoum	Nov. 23-Dec. 1	1	1	
Menouf	Nov. 27-Jan. 17	155	35	
Minieh	Nov. 25-Jan. 27	4	
India:				
Bombay Presidency and Sind	Nov. 2-Feb. 6	13,730	9,692	
Madras Presidency	Nov. 2-Feb. 6	881	636	
Bengal	Nov. 2-Feb. 6	2,321	1,948	
United Provinces	Nov. 2-Feb. 6	2,819	2,334	
Punjab	Nov. 2-Feb. 6	7,078	5,951	
Burma	Nov. 2-Feb. 6	2,790	2,651	
Central provinces, including Berar	Nov. 2-Feb. 6	2,931	2,243	
Coorg	Nov. 2-Dec. 17	5	3	
Mysore State	Nov. 2-Feb. 6	2,249	1,596	
Hyderabad State	Nov. 2-Feb. 6	507	416	
Central India	Nov. 2-Feb. 6	634	495	
Rajputana	Nov. 2-Feb. 6	1,437	1,405	
Grand total		37,382	29,370	
Indo-China:				
Cholen	Oct. 25-Dec. 19	12	11	Including Chuquan.
Saigon	Oct. 25-Jan. 16	10	9	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Japan:				
Formosa.....	Nov. 8-Jan. 30....	49	37	
Kagi, prefecture.....	Jan. 16.....	5		
Hogo.....				
Kagoshima.....	Feb. 6.....	1		From s. s. Shinkochi.
Kobe.....	Jan. 20.....	2	2	Year 1908, 219 cases additional.
Nani.....				
Nishinomiya.....	Jan. 6.....	1		Year 1908, 2 cases additional.
Osaka.....	Dec. 22.....	2	1	Year 1908, 53 cases.
				Year 1908, 59 cases additional.
				Jan. 29, on s. s. Shinkochi
				Maru.
				Year 1908.
Yura.....		116	83	
Mauritius:	Oct. 2-Nov. 28....		64	
Peru:				
Callao.....	Nov. 13-Jan. 28....	17	6	
Catacaos.....	Dec. 11-Jan. 14....	4		
Chorrillos.....	Jan. 22-28.....	2	1	
Chepen.....	Nov. 27-Jan. 28....	13	3	
Chiclayo.....	Nov. 13-Jan. 28....	26	15	
Chota.....	Jan. 22-28.....		2	
Eten.....	Nov. 13-Dec. 31....	11	10	
Ferrenafe.....	Nov. 13-Dec. 24....	9	3	
Lima.....	Nov. 13-Jan. 28....	38	13	
Mollendo.....	Nov. 13-Jan. 28....	8	3	
Monsefu.....	Nov. 13-Dec. 24....	7	2	
Motupe.....	Dec. 17-Jan. 14....	2		
Oyotun, plantation.....	Nov. 20.....	4		
Paiza.....	Dec. 11-17.....	3	2	
Piura.....	Dec. 11-Jan. 14....	6	4	
San Jose (Lambayeque).....	Nov. 13-Dec. 3....	2		
San Pedro.....	Nov. 13-Jan. 14....	23	16	
Trujillo.....	Nov. 13-Jan. 28....	129	57	
Zafra.....	Jan. 14-28.....	2	2	
Siam:				
Bangkok.....	Sept. 27-Dec. 26....	12	6	Present in November.
Straits Settlements:				
Singapore.....	Nov. 30-Dec. 5....	1		
Turkey in Asia:				
Bagdad.....	Nov. 6-Feb. 5....	14	7	
Beirut.....	Dec. 17-Jan. 9....	5	5	
Jiddah.....	Dec. 12-Feb. 7....	31	29	
Zanzibar.....	Nov. 10.....	1	1	

SMALLPOX.

Algeria:				
Algiers.....	Dec. 1-Jan. 31....		58	Imported.
Arabia:				
Aden.....	Nov. 25-Feb. 15....		73	
Argentina:				
Buenos Aires.....	Oct. 1-Dec. 31....		2	
Australia:				
New South Wales—				
Newcastle.....	Nov. 1-30.....	1		
Austria:				
Galicia.....	Dec. 20-Jan. 23....	8		
Silesia.....	Jan. 3-9.....	1		
Brazil:				
Bahia.....	Nov. 15-Feb. 13....	278	21	
Para.....	Feb. 14-27.....	2	1	
Pernambuco.....	Nov. 1-Jan. 31....		97	
Rio de Janeiro.....	Nov. 16-Feb. 14....	1,252	611	
Santos.....	Nov. 1-Dec. 20....		10	
São Paulo.....	Nov. 1-Dec. 27....		36	
British Honduras:				
Stann Creek.....	Feb. 5-25.....	3	1	32 miles south of Belize.
British South Africa:				
Cape Town.....	Dec. 28-Jan. 2....	4		
Canada:				
British Columbia—				
Vancouver.....	Dec. 1-31.....	1		
Victoria.....	Dec. 12.....	25	4	
Manitoba—				
Winnipeg.....	Dec. 20-Jan. 20....	6		
Ontario, Province, general.....	Dec. 1-31.....	118		
Hamilton.....	Jan. 17-23.....	1		
Toronto.....	Nov. 8-28.....	7		

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Canada—Continued.				
Nova Scotia—				
Halifax.....	Dec. 13-Mar. 5....	55	
Tusketwedge.....	Feb. 13.....	1	
Yarmouth.....	Dec. 1-Feb. 27....	46	And vicinity.
Quebec—				
Montreal.....	Dec. 26-Jan. 2....	1	
Ceylon:				
Colombo.....	Nov. 1-21.....	62	13	
Chile:				
Talcaguana.....	Nov. 20-Jan. 28..	Present in vicinity.
Valparaiso.....	Dec. 6-19.....	2	
China:				
Amoy.....	Oct. 11-Nov. 8....	2	Dec. 19, still present.
Shanghai.....	Nov. 11-Feb. 7....	4	2	3 cases Nov. 11-Dec. 28 from U. S. transport Seward.
Tientsin.....	Jan. 24-30.....	5	1	
Cuba:				
Habana.....	Dec. 26-Jan. 19..	3	Case Dec. 26 on s. s. Floride, case Jan. 19 on s. s. Alfonso XIII.
Ecuador:				
Manglar Alto.....	Jan. 17.....	Epidemic.
Egypt, general	Nov. 12-Jan. 14..	431	109	
Alexandria.....	Nov. 26-Jan. 21..	20	11	
Cairo.....	Nov. 19-Feb. 4....	262	107	
France:				
Marseille.....	Dec. 1-Jan. 31....	2	
Nice.....	Jan. 1-31.....	1	
Paris.....	Nov. 22-Feb. 20..	32	2	
Toulon.....	Jan. 1-31.....	1	
Germany, general	Nov. 19-Feb. 27..	35	
Bremen.....	Jan. 16-23.....	2	
Breslau.....	Dec. 20-26.....	1	
Brunswick.....	Feb. 16-20.....	1	
Königsberg.....	Jan. 9.....	1	
Greece:				
Athens.....	Nov. 22-Jan. 2....	4	
Patras.....	Dec. 16-31.....	1	1	
Great Britain:				
Bristol.....	Dec. 13-Feb. 27..	15	4	
London.....	Feb. 1-6.....	1	
Guatemala:				
Guatemala City.....	Dec. 21.....	600	200	Estimated, 2,800 cases; 840 deaths. Feb. 11, still present.
India:				
Bombay.....	Nov. 25-Feb. 16..	84	
Calcutta.....	Nov. 1-Feb. 6....	639	
Madras.....	Nov. 28-Feb. 12..	9	
Rangoon.....	Nov. 22-Feb. 6....	14	
Indo-China:				
Cholen.....	Nov. 15-Dec. 5....	6	5	
Saigon.....	Nov. 1-Jan. 9....	10	7	
Italy, general	Nov. 30-Feb. 28..	165	
Cinquefrondi.....	Jan. 15-21.....	13	
Florence.....	Nov. 24-30.....	2	
Genoa.....	Dec. 1-Jan. 15....	3	
Naples.....	Dec. 7-Feb. 21....	239	48	Jan. 18, 1 case on s. s. Europa.
Palermo.....	Jan. 24-30.....	1	
Polesella.....	Dec. 1.....	Epidemic.
Tatrinoli.....	Jan. 15-21.....	2	
Japan:				
Formosa.....	Nov. 29-Jan. 16..	10	
Tokyo.....	May 8-Dec. 31....	314	
Java:				
Batavia.....	Nov. 1-Jan. 30....	40	3	
Malta.....	Nov. 22-Feb. 13..	4	Case Nov. 22 on vessel.
Manchuria:				
Dalny.....	Jan. 17-30.....	1	1	
Mexico:				
Acapulco.....	Jan. 11-31.....	12	
Guadalajara.....	Jan. 7-Feb. 25....	5	3	
Mexico City.....	Nov. 8-Feb. 14....	80	
Monterey.....	Jan. 4-Feb. 21....	8	
Salina Cruz.....	Jan. 1-15.....	5	
Tehuantepec.....	Jan. 28-Feb. 3....	Present.
Veracruz.....	Dec. 13-Feb. 27..	4	2	
Yucatan, Camp Mengel.....	Dec. 21.....	1	
Moluccas Islands:				
Dec. 12.....	Dec. 12.....	Do
Netherlands, The:				
Rotterdam.....	Jan. 10-16.....	1	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Newfoundland	Feb. 9-13			Epidemic on south coast.
St. Johns	Jan. 10-Feb. 13	7		From s. s. Portia.
Norway:				
Bergen	Jan. 24-30		2	
Christiania	Nov. 22-28	1	1	
Paraguay:				
Asuncion	Dec. 20-26			Present.
Persia:				
Hamadan	Oct. 2-Dec. 24	350	100	Estimated.
Kerman	Nov. 11			Present.
Kermanshah	Oct. 1-31			Do.
Sultanabad	Oct. 1-31			Do.
Tabriz	Oct. 2-8			Do.
Trebizond	Jan. 16			Do.
Teheran	Sept. 18-Oct. 28		17	
Peru:				
Lima	Nov. 22-Dec. 31	11		Jan. 21, 3 cases in the lazaretto.
Salaverry	Nov. 19-25		1	
Philippine Islands:				
Manila	Nov. 1-Jan. 16	11	6	Third quarter, 1908, 84 cases, 38 deaths.
Porto Rico:				
Mayaguez	Dec. 20-Jan. 2	2		
Portugal:				
Lisbon	Nov. 30-Feb. 20	23		One case, Jan. 27, from s. s. Aragon.
Russia:				
Batoom	Dec. 1-31	1		
Moscow	Nov. 29-Feb. 13	214	81	
Odessa	Oct. 4-Feb. 20	57	12	Revised.
Riga	Nov. 29-Feb. 20	11		
St. Petersburg	Nov. 15-Feb. 13	82	28	
Warsaw	Nov. 1-Jan. 16		55	
Salvador:				
San Salvador	Feb. 6	3		
Santa Ana	Feb. 6	40		Present on routes to Guatemala.
Servia:				
Belgrade	Dec. 6-12	2		
Siam:				
Bangkok	Nov. 1-30			Present.
Siberia:				
Vladivostok	Dec. 14-20	1		
Spain:				
Almeria	Jan. 1-31		1	Apr. 1-Dec. 31, 1908, 9 cases.
Barcelona	Dec. 6-Feb. 23		24	
Cartagena	July 1-31		15	
Madrid	Nov. 1-Jan. 31		35	
Valencia	Nov. 29-Feb. 20	49	5	
Vigo	Nov. 30-Feb. 27		10	
Straits Settlements:				
Singapore	Dec. 28-Jan. 23		3	
Switzerland:				
Zurich	Feb. 21-27	3		
Tripoli:				
Tripoli	Feb. 13	4		
Turkey in Asia:				
Adalia	Sept. 24-27		2	
Bassorah	Jan. 3-Feb. 13			Present.
Smyrna	Oct. 7-Jan. 21		60	Jan. 5, epidemic.
Turkey in Europe:				
Constantinople	Dec. 7-Feb. 28		56	
Trebizond	Feb. 7-20			Present.
Uruguay:				
Montevideo	Dec. 1-31		1	

Weekly mortality table, foreign and insular cities.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Aberdeen	Feb. 20	178,210	7									2	3	4
Acapulco	Feb. 7	5,000	40											2
Aguascalientes	Feb. 28	40,000	147	19										4
Amsterdam	Feb. 20	565,601	82	4								1	4	2
Antwerp	Feb. 13	323,921	107	19						1				
Athens	Feb. 6	241,058							1				2	
Bagdad	Jan. 23	250,000			2									
Barcelona	Jan. 30	600,000	256	24				5	1	9		4	2	2
Do	Feb. 6	600,000	289	22				6	2	16		7	3	3
Do	Feb. 13	600,000	323	21				4	3	16		1		1
Barranquilla	do	40,000	12	1										
Basel	do	131,000	34	6								3	2	
Belfast	Feb. 20	386,576	127	29										
Belize	Mar. 4	9,113	1											
Bergen	Feb. 13	87,749	16	2								1		
Do	Feb. 20	87,749	26	4								2		
Birmingham	do	558,336	225								3	4	31	4
Bombay	Feb. 9	977,822	700	54	28	4		12		1		1	1	2
Bradford	Feb. 20	293,983	124	10										
Bremen	Feb. 13	233,751	59	13								1		
Breslau	Feb. 6	335,186	177	25						3	3	3		
Bristol	Feb. 20	377,642	114							1	2	2	2	3
Brussels	Feb. 13	693,720	168	17					2		4	4	1	
Budapest	Feb. 6	804,200							1	5	4	4	1	
Cairo	Feb. 4	701,806	319	26				12	9		3	1		
Calcutta	Jan. 23	847,796	519	10	13	9		98				3		
Do	Jan. 30	847,796	449	21	14	17		83				1	1	
Cardiff	Feb. 13	195,303	64	6							1	1	1	1
Do	Feb. 20	195,303	57	4								1		
Ceiba	do	6,500	3											
Do	Feb. 27	6,500	2	1										
Chihuahua	do	40,000	10											
Christiania	Feb. 13	237,000	57									1		2
Cienfuegos	Feb. 20	37,000	16	1									1	
Do	Feb. 27	37,000	13	1										
Coburg	Feb. 13	23,491	4											
Cologne	do	467,653	150	15							4	5	5	4
Colon	Feb. 21	16,000	6											
Constantinople	Feb. 14	1,000,000	379	49				2		19		2	1	
Do	Feb. 21	1,000,000	387	35				2		10		2	1	
Copenhagen	Feb. 6	447,000	145	18							3		2	1
Dalny	Jan. 30	38,121	23					1						
Do	Feb. 6	38,121	20											
Damascus	Feb. 13	250,000	50											
Dresden	do	245,900	147	22								2	1	1
Do	Feb. 21	245,900	156	26							1		1	3
Durban	Jan. 30	60,972	15	1										
Fiume	Feb. 15	50,011	32	11										
Do	Feb. 21	50,011	24	11								1	1	
Flushing	Feb. 20	21,200	5											
Frontera	do	9,000	2											
Geneva	Feb. 6	118,500	47											
Ghent	Feb. 13	164,579	69	6							1			1
Glasgow	Feb. 26	872,021	333						3	4	9			22
Gothenburg	Feb. 13	162,200	49	6					1		2			
Do	Feb. 20	162,200	39	7					1					1
Greenock	do	72,300	27											
Guayaquil	Jan. 23	75,000	67	13	8									1
Do	Feb. 13	75,000	61	9	6		4			2		1		
Halifax	Jan. 23	40,787	21	3								2		
Do	Feb. 27	40,787	21									1		
Hamburg	Feb. 20	872,252	301	36					1		8	4	1	5
Hamilton, Bermuda	Mar. 1	20,206	4											
Havre	Feb. 13	132,430	72	10						1				3
Hilo, Hawaii	Feb. 6	3,500	2											
Do	Feb. 13	3,500	1											
Hull	Feb. 20	275,532	81									2	3	1

a Reported out of date.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—										
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Kobe	Feb. 6	363,593	162	2
Lausanne	do	56,000	19
Leeds	Feb. 20	484,012	131	12	1	...	3
Leipzig	Feb. 13	537,686	149	19	1	1	3	3	1	...
Libau	Jan. 24	90,000	1
Do	Jan. 31	90,000	4
Do	Feb. 7	90,000	2
Do	Feb. 14	90,000	8	1
Liverpool	Feb. 20	760,357	351	18	4	4	4	7
London	do	4,833,938	1,731	166	4	8	19	93	25	...
Lübeck	Feb. 13	96,000	20	2	1	1
Do	Feb. 20	96,000	32	3	1	1	...
Lyon	Feb. 13	472,114	187	27	1	...	2
Madras	Feb. 6	509,346	370	2	...	1	1
Magdeburg	Feb. 6	250,494	90	6	2	5	...	1
Do	Feb. 13	250,494	83	9	3	5
Manchester	Feb. 20	665,435	292	5	4	1	11	1	...
Manzanillo	do	17,000	1
Do	Feb. 27	17,000	2
Matamoros	do	8,000	4	2
Mexico	Jan. 30	400,000	467	32	5	15	1	31	3	...	5
Do	Feb. 6	400,000	502	30	14	25	...	20	3	...	6
Moncton, N. B.	Feb. 27	13,500	4
Monterey	Feb. 28	100,000	49	4
Montreal ^a	Jan. 16	378,856	136	14	10	3	3	3	1
Do	Jan. 23	378,856	177	17	15	1	6	7	1
Do	Jan. 30	378,856	145	17	4	2	3
Do	Feb. 27	378,856	128	13	1	1	3	7	...
Moscow	Feb. 6	1,335,104	853	118	4	10	6	16	22	10	3
Do	Feb. 13	1,335,104	849	98	3	12	5	20	13	13	5
Munich	Feb. 6	566,000	193	30	4	1	...
Do	Feb. 13	566,000	204	36	1	3	2	5	3
Nagasaki	Jan. 31	175,936	45	3
Nantes	Feb. 14	161,908	84	17	1
Newcastle-on-Tyne	Feb. 20	281,584	79	1	...	1	2
Niuchwang	Feb. 6	60,000	9
Nottingham	Feb. 13	260,000	93	2	2	1
Nuevo Laredo	Feb. 27	8,000	3	1
Odessa	Feb. 13	467,000	206	34	1	1	1	7	6	2	1
Paris	do	2,776,394	1,080	219	1	...	4	4	5	6	5
Penang	Jan. 16	102,520	83	13	1
Plymouth	Feb. 20	124,180	47	3	...
Progreso	Feb. 13	5,000	1
Do	Feb. 20	5,000	3	1
Queensdown	do	7,909	5	1
Rangoon	Jan. 30	252,155	181	7	21	1	...	2
Rotterdam	Feb. 20	412,351	111
St. John, N. B.	Mar. 6	40,711	10	1
St. Petersburg	Feb. 6	1,678,000	912	131	...	47	...	5	2	10	18	21	15	4
St. Stephen, N. B.	Feb. 27	2,840	1
Do	Mar. 6	2,810	2
San Felu de Guixols	Feb. 20	11,094	7
Santa Cruz de Tenerife	Feb. 13	46,000	14	2	1	...
Santiago de Cuba	Feb. 27	45,497	24	4
Shanghai	Jan. 23	565,000	108	17	1
Southampton	Feb. 20	124,667	30	1
South Shields	Feb. 20	137,627	30	2	1	1
Stettin	Feb. 13	250,000	79	4	1	...
Do	Feb. 20	250,000	100	9	1	1
Stockholm	Feb. 6	337,460	100	20	5
Sunderland	Feb. 13	159,137	61	4	1	5	...
Tegucigalpa	Feb. 15	24,000	10
Do	Feb. 23	24,000	8
Tientsin	Jan. 30	1,000,000	7	1	1	1	...
Turin	Feb. 6	381,439	170	17	3	...	3	1	...
Do	Feb. 13	381,439	174	15	3	...	3	1	...

^a Reported out of date.

Weekly mortality table, foreign and insular cities—Continued.

Cities.	Week ended—	Estimated population.	Total deaths from all causes.	Deaths from—								
				Tuberculosis.	Plague.	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.
Venice	Jan. 23	176,815	90	7								
Do	Jan. 30	176,815	84	6							1	
Veracruz	Feb. 20	32,000	27	6								
Do	Feb. 27	32,000	32									
Vevey	Feb. 6	14,000	3									
Victoria, B. C.	Feb. 27	30,000	3									
Vienna	Feb. 7	2,042,426	739	113						14	8	15
Warsaw	Jan. 9	751,595	310	60				1	1	1	8	2
West Hartlepool	Feb. 20	66,750	29								1	
Yokohama	Feb. 8	378,884									1	
Zurich	Feb. 20	180,000	46	8						1	4	

By authority of the Secretary of the Treasury:

WALTER WYMAN,

Surgeon-General,

United States Public Health and Marine-Hospital Service.